

AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Currently amended) The A steam cooking apparatus of claim 1, comprising:
a heating chamber in which food is placed;
a steam generating heater that generates steam to be fed to the heating chamber, the steam
generating heater comprising a plurality of heaters or a single heater;
a vapor heating heater that heats the steam to produce superheated steam where the
superheated steam is fed to the heating chamber, the vapor heating heater comprising a plurality
of heaters or a single heater; and
a control device that switches amounts of generated heat by either feeding electric power
to one of the steam generating heater and the vapor heating heater or feeding electric power to
both of the steam generating heater and the vapor heating heater,
wherein the control device generates the superheated steam of different temperatures by
either
controlling the feeding of electric power so that the vapor heating heater generates
a larger amount of heat than the steam generating heater while the steam generating
heater is generating heat or
controlling the feeding of electric power so that the steam generating heater
generates a larger amount of heat than the vapor heating heater while the vapor heating
heater is generating heat, and

under a condition that total electric power consumption by the steam generating heater and the vapor heating heater does not exceed a predetermined value, and

wherein

the steam generating heater comprises a main steam generating heater and a sub steam generating heater,

the vapor heating heater comprising a main vapor heating heater and a sub vapor heating heater, and

the control device feeds electric power to one of, or to a combination of, the main steam generating heater, the sub steam generating heater, the main vapor heating heater, and the sub vapor heating heater.

3. (Previously presented) The steam cooking apparatus of claim 2, wherein the control device forms a cooking sequence out of one of, or out of a combination of both of,

a first heating mode in which electric power is fed to both the steam generating heater and the vapor heating heater so that the steam generated by the steam generating heater is heated by the vapor heating heater, so that the food is heated by the superheated steam, and

a second heating mode in which the food is heated by a hot air or radiation heat obtained by feeding electric power to the vapor heating heater,

in the first heating mode, either the electric power consumption by the main steam generating heater, by the sub steam generating heater, and by the sub vapor heating heater is in a

ratio of 7:3:3 or the electric power consumption by the sub steam generating heater and by the main vapor heating is in a ratio of 3:10, and

in the second heating mode, the electric power consumption by the main vapor heating heater and by the sub vapor heating heater is in a ratio of 10:3.

4-15. (Cancelled)

16. (Previously presented) The steam cooking apparatus of claim 2, wherein the control device includes a heating mode in which electric power is fed to both the steam generating heater and the vapor heating heater so that the steam generated by the steam generating heater is heated by the vapor heating heater, so that the food is heated by the superheated steam, wherein

in the heating mode, either the electric power consumption by the main steam generating heater, by the sub steam generating heater, and by the sub vapor heating heater is in a ratio of 7:3:3 or the electric power consumption by the sub steam generating heater and by the main vapor heating is in a ratio of 3:10.